

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of :**

Vladimir Zubkov et. al.

**Serial No.:** 10/044,864

**Filed :** October 22, 2001

**For :** Method For Creating Barriers For Copper Diffusion

www.pearsoned.com

**Group Art Unit :** 2826

**Examiner :**

**Atty Docket :**

2826 RECEIVED  
CENTRAL FAX CENTER

Erdem, Fazl MAY 06 2005

LSI1P177 / 01-569

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date below:

**Manu Kashyap**

5/6/05  
Date

W.K.P.

**Signature**

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation  
1621 Barber Lane, MS D-106  
Milpitas, CA 95035  
408-433-7475

Date: 6 May 0

Respectfully submitted,

*HRW*

**Timothy Croll**

Reg. No. 36,771

05/12/2005 HMEKONEN 00000049 122252 10044864

02 FC:1806 180.00 DA

Page 1 of 1

**BEST AVAILABLE COPY**



PTO/SB/08A (10-98)

Approved for use through 10/31/99, OMB 0851-0081

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**Complete if Known**

Application Number	10/044,864
Filing Date	October-22, 2001
First Named Inventor	Vladimir Zubkov
Group Art Unit	2826
Examiner Name	Fazli Erdem
Attorney Docket No.	LSI1P177 / 01-569

Sheet 1 of 1

## **U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
		6,633,085		Besser et al.	10-14-2003	
		6,703,307		Lopatin et al.	03-09-2004	
		6,703,308		Besser et al.	03-09-2004	
		6,083,794		Hook et al.	07-04-2000	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
		US JP 63290559		Maruyama	11-28-1998	

Examiner signature		Date considered	
-----------------------	--	--------------------	--

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office.

BEST AVAILABLE COPY